

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/11 C12P19/34 C07H21/02 C07H21/04 A61P31/00  
A61K31/713

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, EMBASE, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/081628 A (RIBOZYME PHARMACEUTICALS, INCORPORATED; BLATT, LAWRENCE; CHOWRIRA, BHA) 17 October 2002 (2002-10-17) page 9, lines 3-22 page 20, line 34 - page 21, line 8 -----	1-32, 34
X	WO 03/074654 A (SIRNA THERAPEUTICS, INC; MCSWIGGEN, JAMES; BEIGELMAN, LEONID; CHOWRIRA) 12 September 2003 (2003-09-12) page 136, lines 25,26 -----	1-32, 34
X	WO 03/070918 A (RIBOZYME PHARMACEUTICALS, INCORPORATED; MCSWIGGEN, JAMES; BEIGELMAN, L) 28 August 2003 (2003-08-28) page 126, lines 2,3 -----	1-32, 34



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

31 May 2005

Date of mailing of the international search report

28.09.05

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Barnas, C

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US2004/026930

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-32, 34

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

## 1. claims: 1-32, 34

A double stranded short interfering nucleic acid (siNA) molecule that directs cleavage of a NOGO receptor RNA via RNA interference as described in claim 1.

---

## 2. claims: 33, 35

A double stranded short interfering nucleic acid (siNA) molecule that directs cleavage of a NOGO receptor RNA via RNA interference wherein said siNA comprises any of SEQ ID NOs: 1-33, 100-132.

---

## 3. claims: 33, 35

A double stranded short interfering nucleic acid (siNA) molecule that directs cleavage of a NOGO receptor RNA via RNA interference wherein said siNA comprises any of SEQ ID NOs: 34-66, 133-165.

---

## 4. claims: 33, 35

A double stranded short interfering nucleic acid (siNA) molecule that directs cleavage of a NOGO receptor RNA via RNA interference wherein said siNA comprises any of SEQ ID NOs: 67-99, 166-198.

---

## 5. claims: 33, 35

A double stranded short interfering nucleic acid (siNA) molecule that directs cleavage of a NOGO receptor RNA via RNA interference wherein said siNA comprises any of SEQ ID NOs: 199-320.

---

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/026930

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 02081628	A	17-10-2002	EP	1386004 A2		04-02-2004
WO 03074654	A	12-09-2003	AU	2003207708 A1		09-09-2003
			AU	2003211082 A1		09-09-2003
			AU	2003213163 A1		09-09-2003
			AU	2003216311 A1		09-09-2003
			AU	2003216315 A1		09-09-2003
			AU	2003216324 A1		16-09-2003
			AU	2003217594 A1		09-09-2003
			AU	2003219712 A1		09-09-2003
			AU	2003219751 A1		09-09-2003
			AU	2003221258 A1		09-09-2003
			AU	2003247204 A1		09-09-2003
			CA	2455447 A1		12-09-2003
			CA	2459532 A1		28-08-2003
			CA	2476112 A1		28-08-2003
			EP	1432724 A1		30-06-2004
			EP	1476574 A2		17-11-2004
			EP	1476458 A2		17-11-2004
			EP	1472267 A2		03-11-2004
			EP	1458741 A2		22-09-2004
			EP	1472269 A1		03-11-2004
			EP	1470256 A2		27-10-2004
			EP	1549660 A2		06-07-2005
			EP	1470257 A2		27-10-2004
			EP	1423406 A2		02-06-2004
			GB	2396616 A		30-06-2004
			GB	2397818 A		04-08-2004
			JP	2005517438 T		16-06-2005
			JP	2005518803 T		30-06-2005
			WO	03072704 A2		04-09-2003
			WO	03070886 A2		28-08-2003
			WO	03070744 A1		28-08-2003
			WO	03070968 A2		28-08-2003
			WO	03070903 A2		28-08-2003
			WO	03070970 A2		28-08-2003
			WO	03070911 A2		28-08-2003
			WO	03070914 A2		28-08-2003
WO 03070918	A	28-08-2003	NONE			